



NOVEL ALICYCLIC ESTERS WITH MUSK FRAGRANCE

FIELD OF THE INVENTION

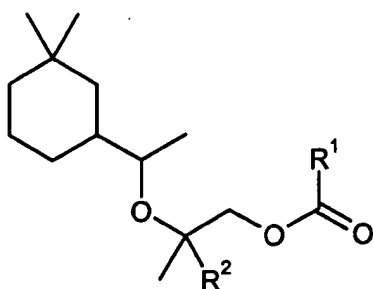
[0002] The invention relates to novel alicyclic esters, methods for their preparation, their use as fragrances, and also perfumed products and fragrance mixtures containing the compounds according to the invention.

BACKGROUND OF THE INVENTION

[0003] Compounds with a musk fragrance are sought-after components in the perfume industry. They are characterized both by their property of imparting an aura to perfume compositions and also by their ability to act as a fixer. Thus, musk fragrances are nowadays used in many perfume compositions.

[0004] The synthesis of biodegradable compounds with a musk fragrance has gained substantially in importance in recent years, since the synthetic musk compounds of the nitro-aromatic and polycyclic series are persistent and lipophilic, so that these compounds accumulate in aquatic food chains and fatty tissue (H. Brunn, G. Rimkus, Ernährungs-Umschau 1996, 43, 442 to 449; H. Brunn, G. Rimkus, Ernährungs-Umschau 1997, 44, 4 to 9). In order to close the gap, macrocyclic musk fragrances that are similar to natural compounds and are characterized by a macrocyclic ring with 13 to 17 C atoms, which has a ketone or an ester as functional group, have been developed to an increasing extent.

[0005] Furthermore, US-A 5,166,412 discloses compounds of type (II)



(II)